

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Noriyoshi MASUDA, et al.

SERIAL NO: New U.S. Application

GAU:

FILED: Herewith

EXAMINER:

FOR: OLIGONUCLEOTIDES AND METHOD FOR CHARACTERIZING AND DETECTING GENOGROUP II TYPE  
SMALL ROUND STRUCTURED VIRUS

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



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Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
243541US0CONTSERIAL NO.  
New U.S. Application

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Noriyoshi MASUDA, et al.FILING DATE  
Herewith

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	US-2002/0031760 A1	3/2002	Saito, et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	WO 94/05700	03/17/94	WIPO		
	AP	WO 96 36707	11/21/96	WIPO		
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	Takahiko ISHIGURO, et al. Nucleic Acids Research, vol. 24, no. 24, pages 4992-4997, "FLUORESCENCE DETECTION OF SPECIFIC SEQUENCE OF NUCLEIC ACIDS BY OXAZOLE YELLOW-LINKED OLIGONUCLEOTIDES. HOMOGENEOUS QUANTITATIVE MONITORING OF IN VITRO TRANSCRIPTION" 1996			
	AX	Dingle et al. sequence alignment of SEQ ID NO: 20 with GenEmbl accession no. X86557 from Journal of General Virology, 1995; 76 (9), 2349-2355.			
	AY	Cauchi et al. sequence alignment of SEQ ID NO: 28 with GenEmbl accession no. U46500 from Journal of Medical Virology, 1996; 49 (1): 70-76			
	AZ	Green et al. sequence alignment of SEQ ID No: 35 with GenEmbl accession no. X76716 from Journal of General Virology			<input type="checkbox"/> Additional References sheet(s) attached

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Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
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	BA						
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	BK						
	BL						
	BM						
	BN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	BO					
	BP					
	BQ					
	BR					
	BS					
	BT					
	BU					
	BV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	BW	JIANG, X, et al., "Norwalk Virus Genome Cloning and Characterization", Science, Vol. 250, No. 4987 (1990), pp. 1580-1583				
	BX	VINJE, J., et al., "Genetic polymorphism across regions of the three open reading frames of "Norwalk-like viruses", Archives of Virology, Vol. 145, No. 2, (2000), pp. 223-241				
	BY	KIEVITS, T, et al., "Nasba TM Isothermal Enzymatic In Vitro Nucleic Acid Amplification Optimized for the Diagnosis of HIV-1 Infection", Journal of Virological Methods, Vol. 35, No. 3, (12/01/91), pp. 273-286				
	BZ	ISHIGURO, et al., "Flourescence detection of specific sequence of nucleic acids by oxazole yellow-linked oligonucleotides. Homogenous quantitative monitoring of in vitro transcription", Nucleic Acids Research, Vol. 24, No. 24, (1996), pp. 4992-4997				<input type="checkbox"/> Additional References sheet(s) attached

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